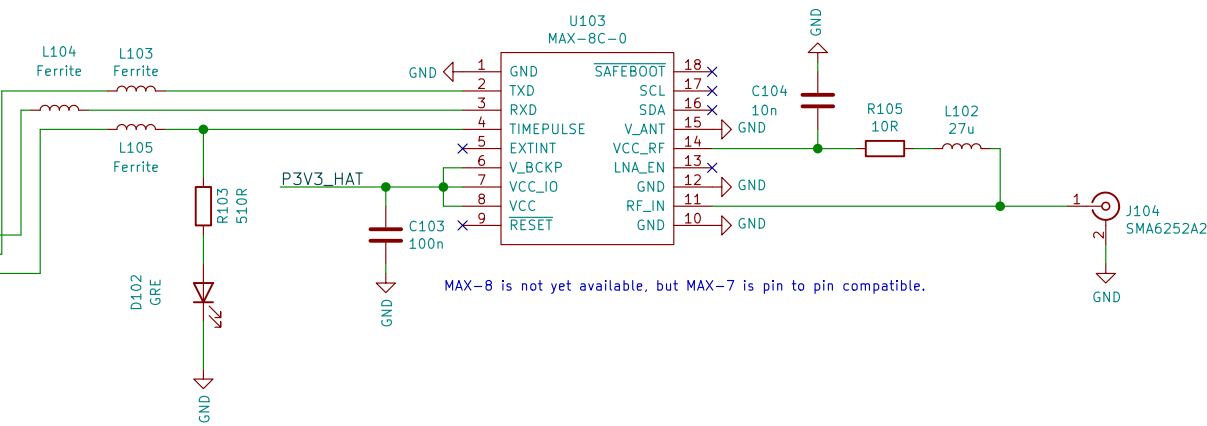
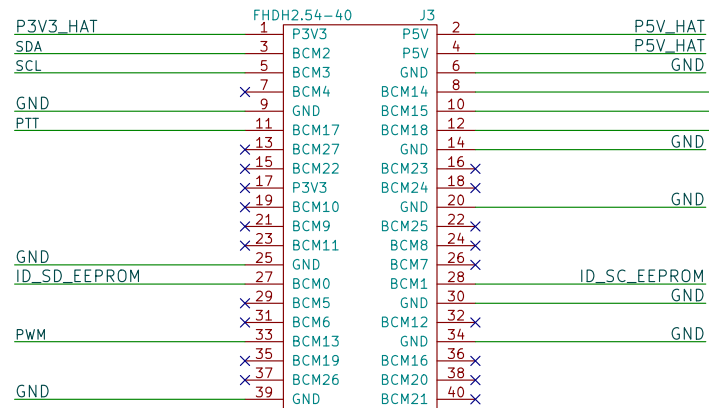
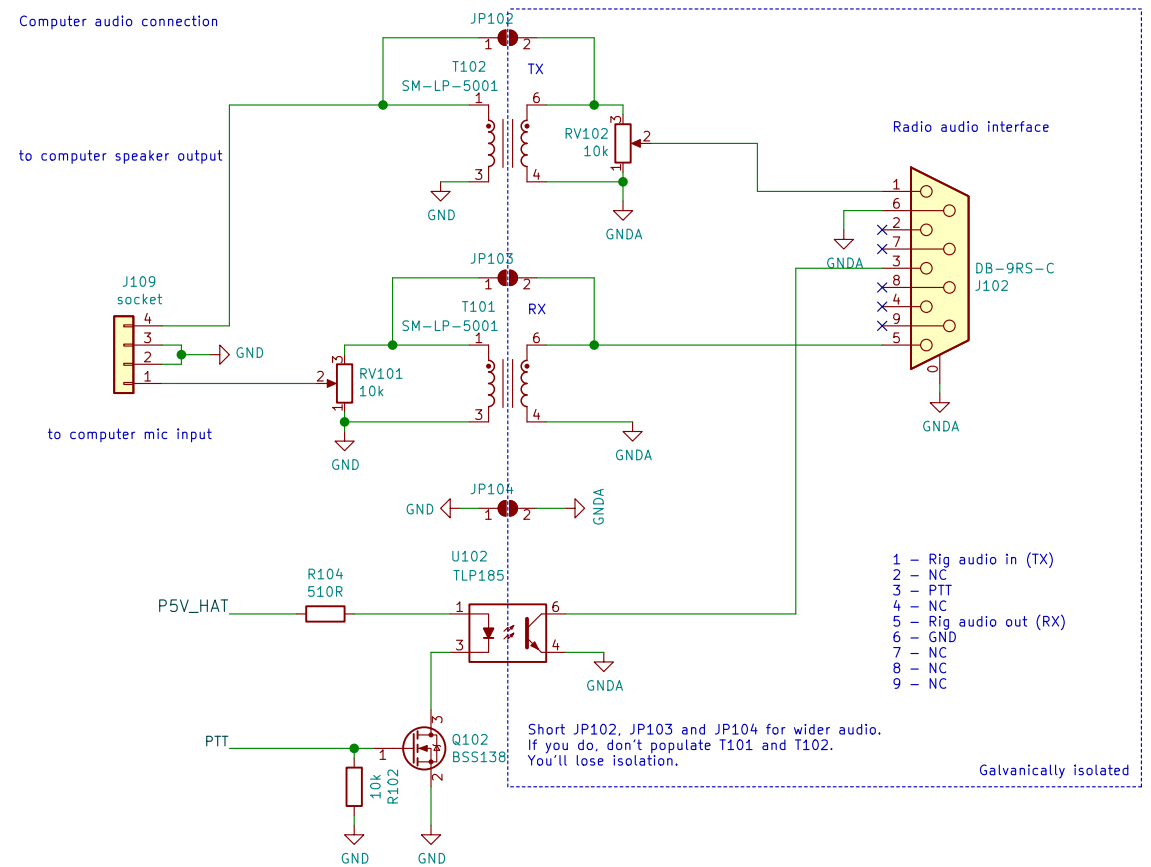
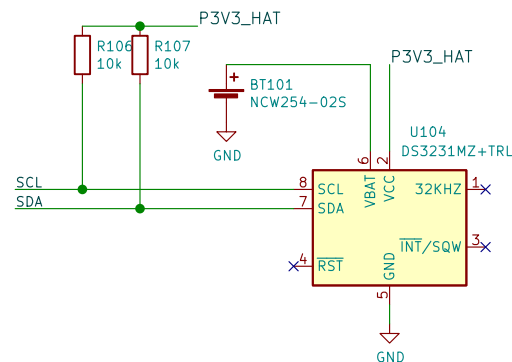
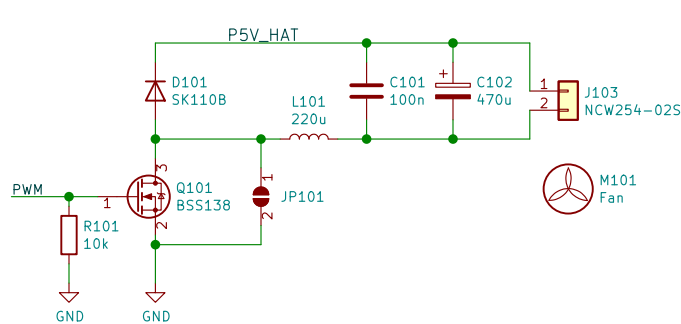
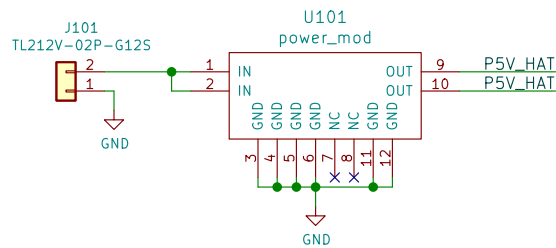


This is based on the official Raspberry Pi spec to be able to call an extension board a HAT.  
<https://github.com/raspberrypi/hats/blob/master/designguide.md>

## 40-Pin HAT Connector



MAX-8 is not yet available, but MAX-7 is pin to pin compatible.

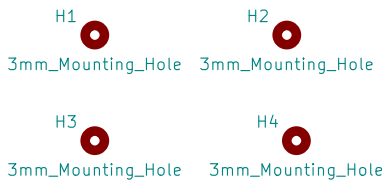


- 1 - Rig audio in (TX)
- 2 - NC
- 3 - PTT
- 4 - NC
- 5 - Rig audio out (RX)
- 6 - GND
- 7 - NC
- 8 - NC
- 9 - NC

Short JP102, JP103 and JP104 for wider audio.  
If you do, don't populate T101 and T102.  
You'll lose isolation.

Galvanically isolated

## Mounting Holes



Drawn by HA50GL

Logonex Bt.

Sheet: /

File: HAM\_Hat.sch

Title: HAM hat

Size: A3

Date: 2021-12-03

Rev: v1.0.3

KiCad E.D.A. kicad (5.1.12)

Id: 1/1

LOGONEX